



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/757,298
		Filing Date	January 14, 2004
		First Named Inventor	R. Andrews
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Attorney Docket Number		ISIS0038-100 (CHEM001US)	
Sheet	1	of	2

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Branch (1) Wlemore

Date Considered

97105

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/757,298
(use as many sheets as necessary)		Filing Date	January 14, 2004
		First Named Inventor	R. Andrews
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	2	of	2
		Attorney Docket Number	ISIS0038-100 (CHEM0001US)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
TV	AO	ELBASHIR, et al., "Functional anatomy of siRNAs for mediating efficient RNAi in Drosophila melanogaster embryo lysate." <i>EMBO J.</i> (2001) 20:6877-6887.		
	AP	BRANTL, "Antisense-RNA regulation and RNA interference," <i>Biochim. Biophys. Acta</i> (2002) 1575:15-25.		
	AQ	PARRISH, et al., "Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference," <i>Mol. Cell</i> (2000) 6:1077-1087.		
	AR	MELLITZER, et al., "Spatial and temporal "knock down" of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos," <i>Mech. Devel.</i> (2002) 118:57-63.		
	AS	BOUTLA, et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in Drosophila," <i>Curr. Biol.</i> (2001) 11:1776-1780.		
	AT	SCHWARZ, et al., "Evidence that siRNAs function as guides, not primers, in the Drosophila and Human RNAi pathways," <i>Mol. Cell</i> (2002) 10:537-548.		
↓	AU	CHIU, et al., "RNAi in human cells: basic structural and functional features of small interfering RNA," <i>Mol. Cell</i> (2002) 10:549-561.		

Examiner Signature		Date Considered	9/7/05
--------------------	---	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.